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RENO, NEVADA

E7.3 108.87.
CR-133525

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(E73-10887) [AIRCRAFT AND FIELD SUPPORT
REQUIREMENTS FOR SKYLAB 2 MISSION]
Progress Report, 1-31 Jul. 1973 (Nevada
Univ.) 2 p HC \$3.00 CSCL 14E

N73-29419

G3/14 Unclass
00887

PROGRESS REPORT

from

July 1, 1973 to July 31, 1973

Contract NAS 9-13274

by

Principal Investigator; Jack Quade

Prepared for the

National Aeronautics and Space Administration

Field Work: One week was spent in the field collecting ground data in the Tonopah and Coal Dale areas. Severe thunderstorms during the second and third weeks of July caused cancellation of field work for that period.

A cooperative field plan to support track #6 overflights during August has been worked out between Stanford University and ourselves. The plan involves low elevation aircraft, boats for different lakes, and groundbased stations to be used in conjunction with the RB-57 on either August 6th or the 11th.

Laboratory: During the last week of July we received the photography and thermal infrared imagery from the RB-57 mission #239 flown on June 5th. The data evaluation was completed and returned to the Earth Resources Aircraft office with a cover letter explaining any difficulties. Briefly, the major problem was not one of data quality but of geographic coverage. My letter outlined the original objectives of our proposal and the need to relate these objectives to five NASA missions and four NASA test sites (Tonopah, Goldfield, Klondike, and Crow Springs), all of which were to be covered by Mission #239 and track #6 of Skylab. Although some 70% of the area originally defined was overflown none of the four test sites were included. In an attempt to remedy these problems I suggested that the remaining area be covered, possibly as part of another mission with some compromises if necessary but with sufficient coverage to complete the mission objectives. Tentative plans have been made with the aircraft office to fly the areas not covered sometime in late September. When this is done we will have completed all of our aircraft requirements for SL-2.